

Claims:

1. Slide-ring gasket of stainless steel with a wear resistant coating (3) at the end planes (6) facing each other, 5 characterized in that the wear resistant coating (3) starting from the outer rim of the slide-ring gasket extends only over an annular part section (5) of the end planes (6) facing each other.
- 10 2. Slide-ring gasket according to claim 1, characterized in that the end planes (6) facing each other are formed undercut or offset in an axial direction respectively in the area following in a radial direction inwardly to the annular part section (5) so that with sliding sealing a clearance is 15 formed.
3. Slide-ring gasket according to claim 1 or 2, characterized in that stainless steel of the type X20 Cr13 is applied as basic material.
- 20 4. Slide-ring gasket according to claim 3, characterized in that the basic material is hardened and tempered to RM 800-950N/m<sup>2</sup>.
- 25 5. Slide-ring gasket according to anyone of claims 1 to 4, characterized in that the thickness of the coating (3) is from 0,1 to 0,6 mm and preferably 0,3 mm.
- 30 6. Slide-ring gasket according to anyone of claims 1 to 5, characterized in that the radial width of the annular sealing surface is less than 30% preferably less than 25% of the radial reach of the end planes (6) of the slide-ring gasket facing each other.
- 35 7. Slide-ring gasket according to anyone of claims 1 to 6, characterized in that the radial width of the annular sealing surface is chosen < 5 mm, preferably < 3mm.